

ABSTRACT OF THE DISCLOSURE

A disc apparatus is designed for recording a signal on an optical disc by irradiating an optical beam according to a strategy which is stepwise updated by a given step amount. In the disc apparatus, a detector successively detects a linear velocity of the optical disc relative to the optical beam in realtime basis. A strategy generator operates every time the detector detects the linear velocity of the optical disc for successively generating the strategy according to the detected linear velocity. A storage has a plurality of storage areas, each being capable of memorizing the strategy successively generated by the strategy generator. A write controller rewrites one of the storage areas every time the strategy is generated until the strategy is updated by a given step amount and then rewrites another of the storage areas every time the strategy is generated while leaving said one storage area to hold the updated strategy, thereby updating the strategy through the plurality of the storage areas. A read selector selects the storage area holding the updated strategy to read therefrom the updated strategy while allowing the write controller to rewrite another storage area.